WHIRLPOOL AUSTRALASIA

CONSUMER SERVICES

SERVICE MANUAL

SIDE BY SIDE REFRIGERATOR

Models 6GD27DFXFS00
6GD27DFXFS01
6GD27DFXFS02

This Service Manual supersedes Service Manual, Part No. SM1078, for Model 6GD27DFXFS00 dated October 2000

Please remove and destroy the superseded manual.

This documentation is intended only for qualified technicians who possess the required qualifications and are aware of the regulatory requirements applicable to servicing electrical appliances.

CONTENTS

SERVICING THE ICE AND WATER DISPENSER

The dispenser housing is "foamed in place" and cannot be removed as an assembly. Components of the dispenser assembly are serviceable.

WARNING

ELECTRICAL SHOCK HAZARD

Unplug the refrigerator from the electrical power supply before servicing any electrical components.

Failure to do so can result in serious injury or death.

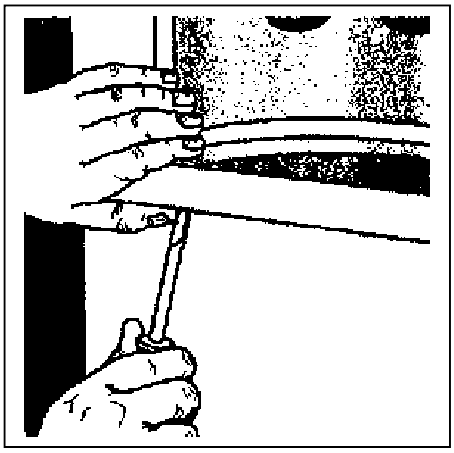


Figure 1

1. Unplug the refrigerator power cord.
2. Remove the overflow grille from its housing.
3. Unsnap the front cover at the bottom of the housing (See Figure 1).
4. Disconnect the front cover switch harness connector and set the cover aside.

Refer to Figure 2 for the following steps :

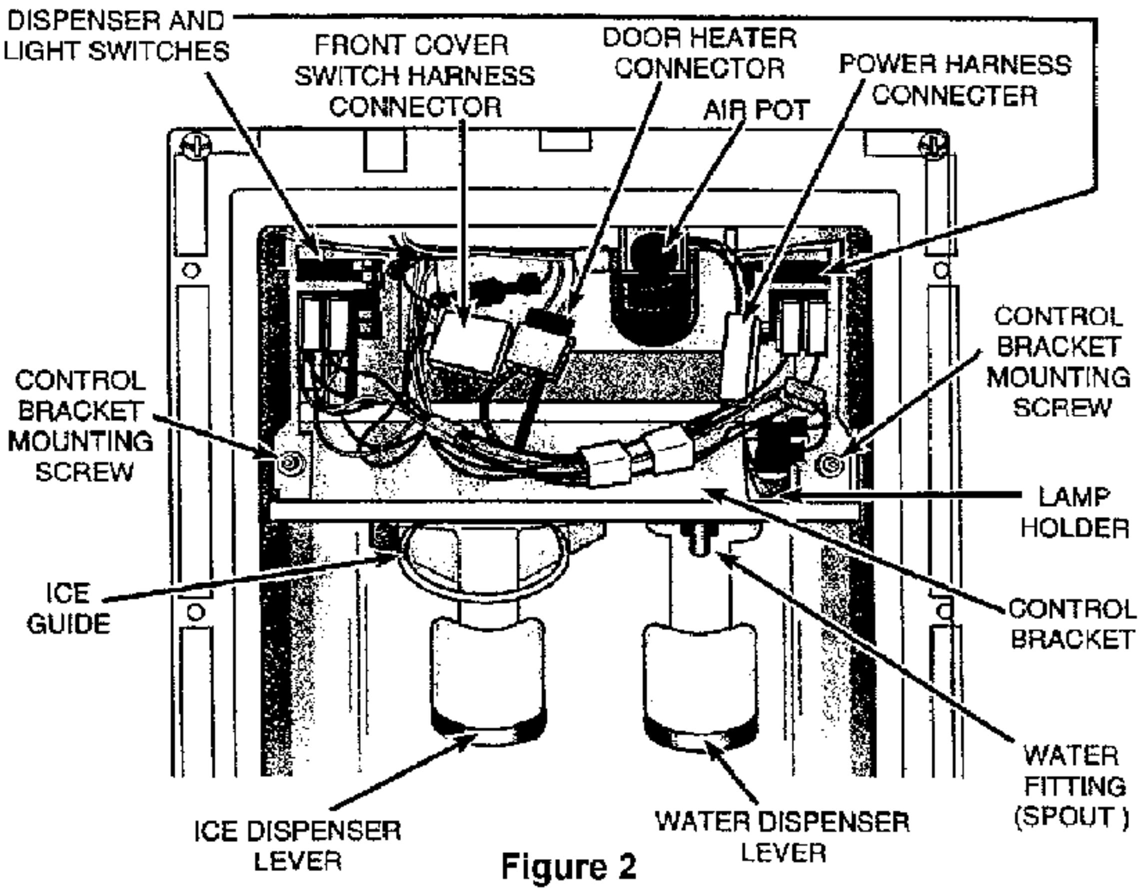


Figure 2

5. Disconnect the power wire harness connector (BL/BL and W wires).

6. Disconnect the flapper door heater wire harness connector (if connected).

7 Release the dispenser micro switch retainers and slide the switches off their locater pins. Carefully handle the switches so they do not come apart.

8. Disconnect the wires from lampholder terminals.

9. Remove two 1/4” hex head screws from the control bracket and remove the control bracket.

10. Remove the 1/4” hex head screw securing the water fitting (spout) to the water dispenser lever. Remove the water fitting.

11. Unsnap the ice guide and remove it from the ice dispenser lever.

Refer to Figure 3 for the following steps :

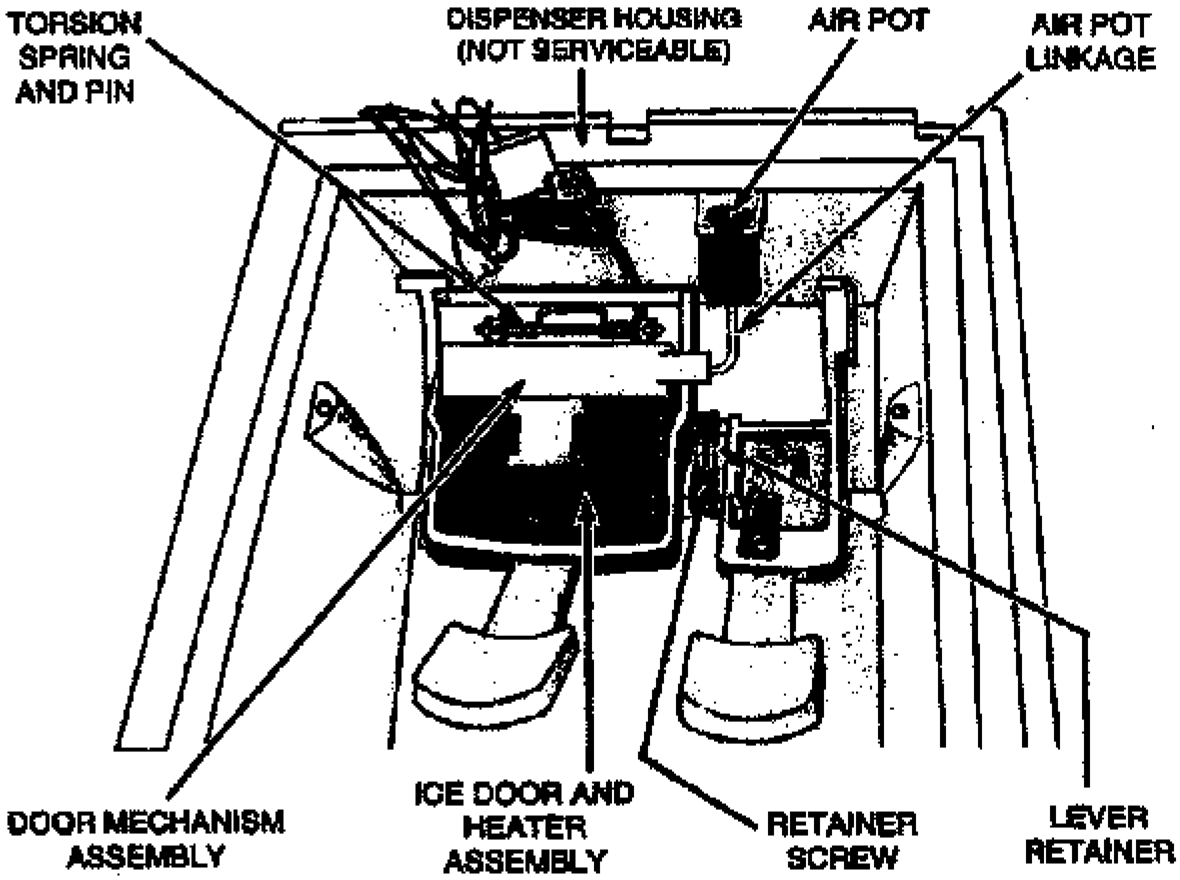


Figure 3

12. Remove the air pot by sliding by sliding the rear of the air pot out of the slot moulded to the dispenser housing and slip the linkage out of the flapper door mechanism assembly.

13. Unsnap the flapper door and remove it from the ice dispenser lever. While you remove the flapper door, carefully guide the flapper door heater wire and connector over the door mechanism assembly.

14. Remove the 1/4” hex head screw securing the dispenser levers pivot retainer to the dispenser housing and remove the retainer.

15. Remove the water dispenser lever.

16. Remove the ice dispenser lever by manoeuvring it around the door mechanism assembly.

17. Pull the pin from the door mechanism assembly and remove the spring and mechanism assembly

18. Re-assemble in the reverse order.

ICE CHUTE FLAPPER DOOR MOISTURE CONTROL

The ice chute flapper door has an inbuilt heating element which is not connected when delivered to the customer. In extreme circumstances depending on installed position in kitchen or due to extreme humidity conditions, it may be necessary to connect the heater to control excessive moisture.

To connect the flapper door heater:

1. Unplug the refrigerator power cord.

2. Remove the overflow grille from its housing.

3. Unsnap the front cover at the bottom of the housing (See Figure 1).

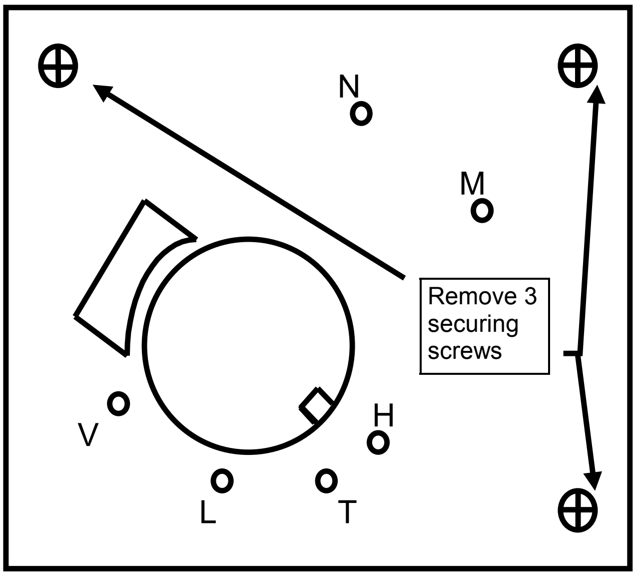
4. Plug the ribbon cable from the door to the door heater connector. (See Figure 2)

MODULAR ICEMAKER SERVICE

Specifications

Mould Heater	: 185 W, 286 ohms
Thermostat	: Close -8 ± 1.5°C Open 0 ± 1.5°C
Water Fill	: 140 ml, 7.5 seconds
Motor Ohms	: 3 Watts, 16900
Module	: Stamped circuit, plug-in connections

Module Test Points



Module Ohmmeter Checks (No Power to icemaker and ejector blades in park position)			
Test Points	Compo-nent	Module Position	Resist. Ohms
L-H	Mould Heater	Attached to support	286
L-M	Motor	Disconnected from support	16900

Test Points	Compo-nent	Line Voltage	0 Volts
L - N	Module	Power OK	No power
T - H	Bi-metal	Open	Closed
L - H	Heater	On	Off
L - M	Motor	On	Off
N - V	Water valve	On	Off

Service Procedures

Cover
Pries plastic pin from right hand side of module and remove cover.

Module, Motor and Support Assembly
Insert phillips head screwdriver in access ports in module and remove both screws. Disconnect shut-off, pull mould from support assembly

Shut-off Arm
Pull out from support. When reassembling insert to full depth.

Mould and Heater
Remove module, motor and support assembly.

Bi-metal
Remove module and support assembly. Pull out retaining clips with bi-metal.

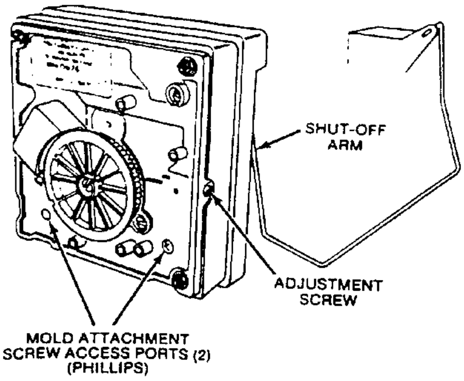
Fill Cup
Remove motor, module and support assembly, remove ejector blades and shut-off arm. Pull cup from mould.

Ejector Blades and Stripper
Remove module, motor, support assembly. When reinstalling ejector blades, align "D" coupling with module cam.

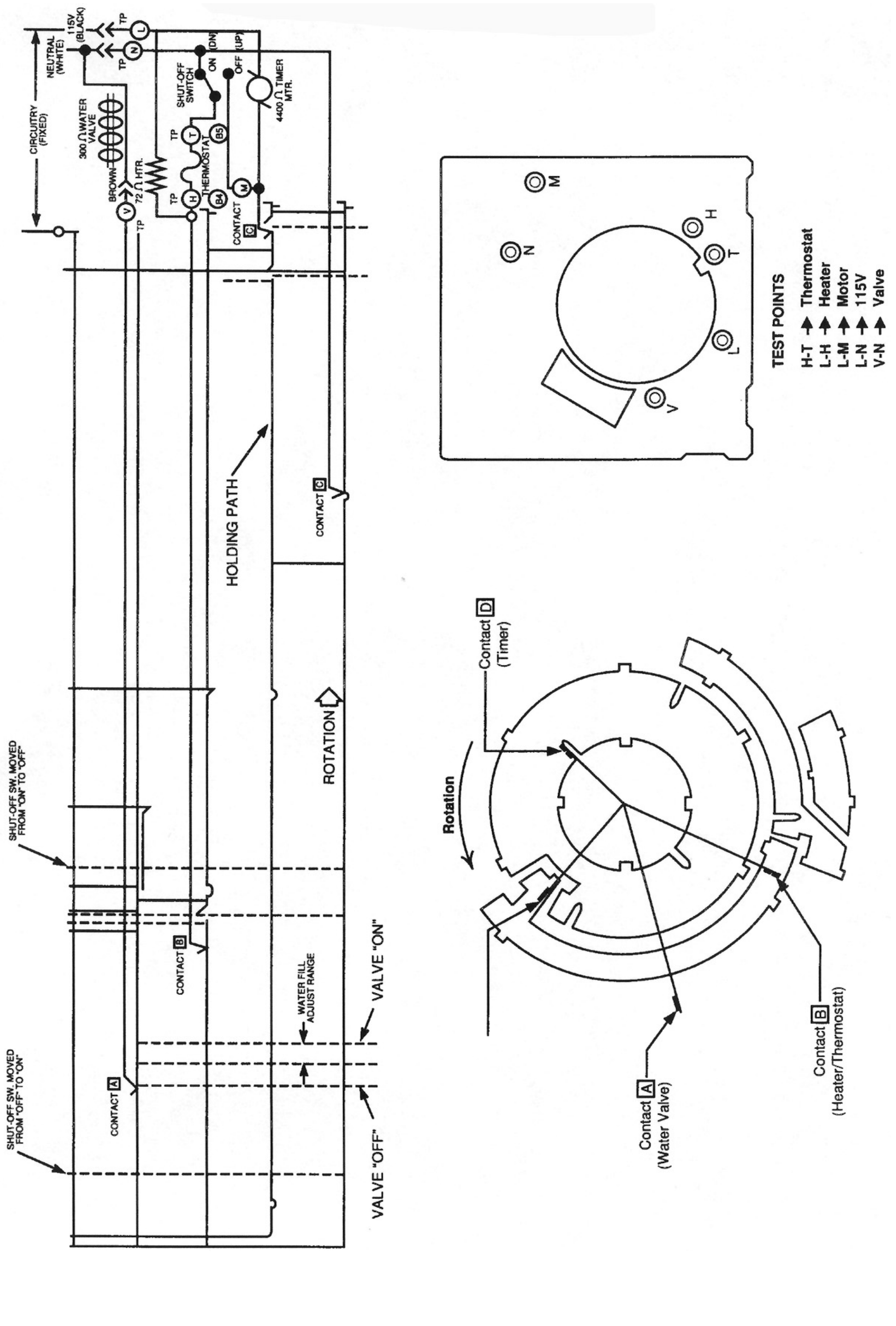
Water Level Adjustment

Turning the screw clockwise decreases the water fill.

- 1/2 turn equals 20 ml or 1.2 seconds
- full turn equals 40 ml or 2.4 seconds
- Maximum adjustment is one full turn in either direction. Additional rotation could damage the module.

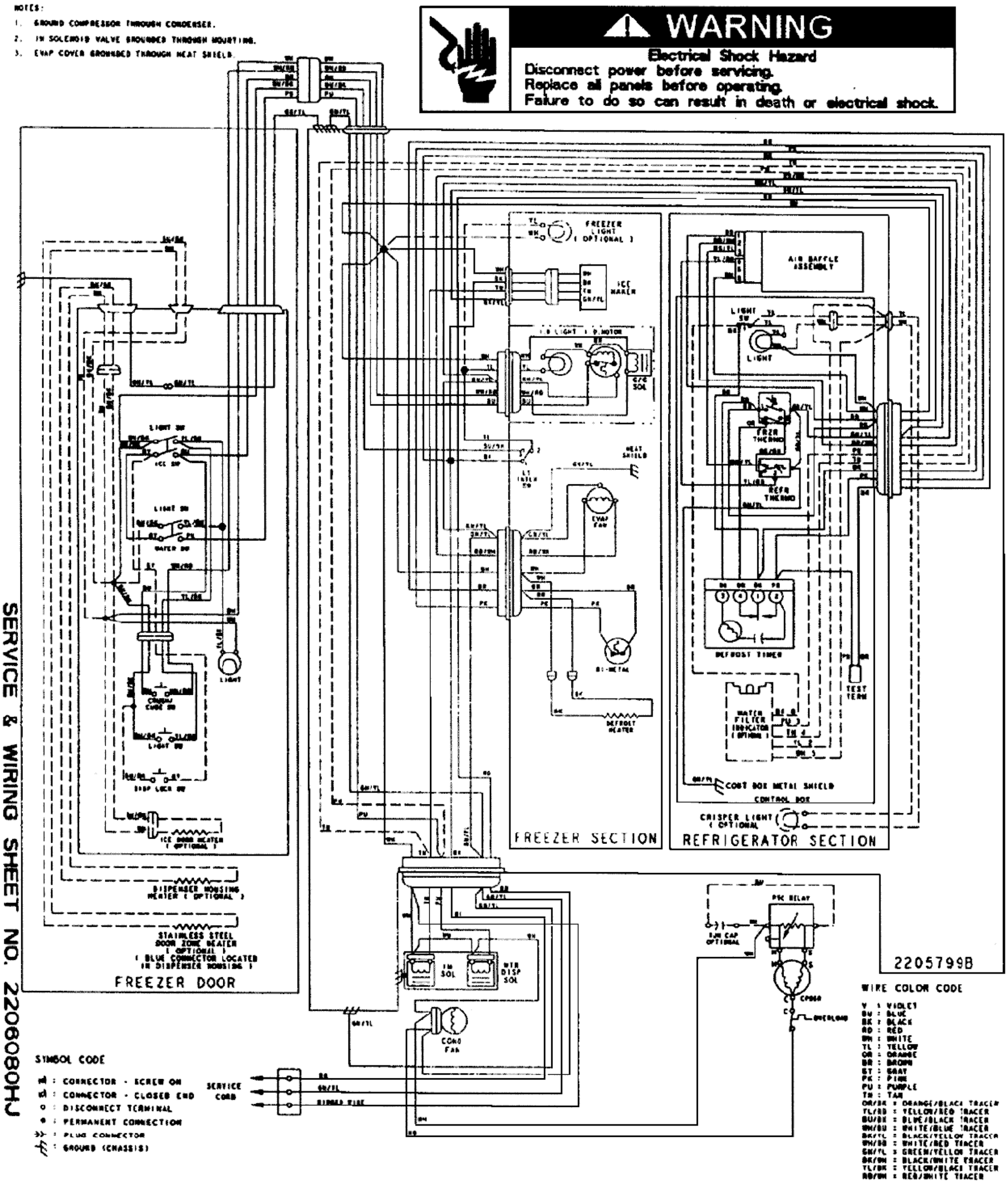


ICEMAKER SCHEMATIC CIRCUIT DIAGRAM

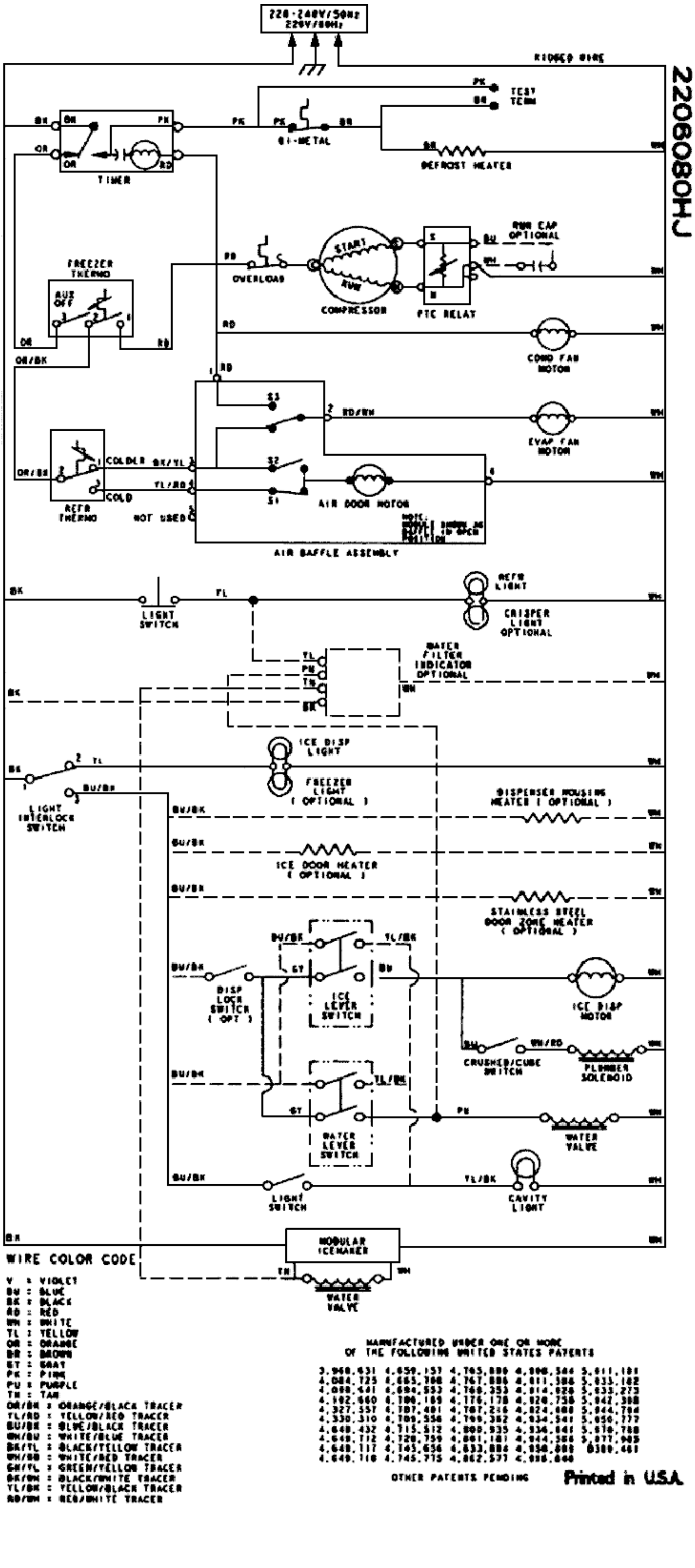


WIRING DIAGRAM - Models 6GD27DFXFS00 and 6GD27DFXFS01

Note: Service data for Model 6GD27DFXFS02 not currently available.



CIRCUIT DIAGRAM - Models 6GD27DFXFS00 and 6GD27DFXFS01



SERVICE DATA - Models 6GD27DFXFS00 and 6GD27DFXFS01

SERVICE AND WIRING SHEET 2206080HJ

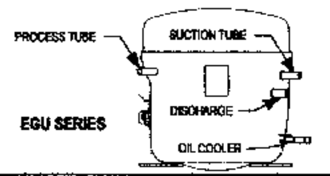
⚠WARNING | **ELECTRICAL SHOCK HAZARD** | **Disconnect electrical power before servicing** | **Failure to do so can result In death or electrical shock**

PERFORMANCE DATA *(NORMAL OPERATING CONDITIONS)			
		SYSTEM PRESSURE (PSIG)	
AMB	WATTS	HIGH SIDE	LOW SIDE
70°	160 ± 20	95 ± 20	-7 TO 3
90°	170 ± 20	135 ± 20	-4 TO 3
110°	190 ± 20	195 ± 20	-2 TO 4

* Normal operating conditions are viewed when the air and temperature controls are at mid-setting, freezer section 0 to -5°F and unit is cycling.

NOTE: Watt and pressure readings will vary and are influenced by the existing condition of the appliance, such as iced-up evaporator, condition of condenser, defrost cycle, pull-down time and customer use.

(OIL COOLER IS OPTIONAL)
EMBRACO



SERVICE INFORMATION (2294174.A)

1. COMPRESSOR SUCTION AND PROCESS STUBS MAY NOT BE INTERCHANGED UNLESS INDICATED BY **.
2. REFRIGERANT CHARGE MUST BE APPLIED TO HIGH SIDE ONLY.
3. ICE MAKER AND WATER VALVE NOT ORIGINAL EQUIPMENT ON ALL MODELS.
4. CAUTION. ICE MAKER CYCLE MUST BE INITIATED AUTOMATICALLY. DO NOT TRY TO MANUALLY START CYCLE
5. SERVICE DEFROST BIMETALS - 50°F OPEN.
6. DEFROST TIMER MAY CONTAIN A CAPACITOR IN SERIES WITH MOTOR. DO NOT CONTINUITY TEST WHEN CHECKING FOR FAILED TIMER MOTOR. INSTEAD, ENERGIZE TIMER AND LISTEN FOR GEAR MOVEMENT.
7. PART NUMBER CAN BE FOUND ON THE COMPONENT.

SERVICEABLE ELECTRICAL PARTS MATRIX (COMPONENTS BY CUBIC FOOT SIZE)									
	20 AND 22 CUBIC FOOT		25 AND 27 CUBIC FOOT			WATTAGE		RESISTANCE	
SERVICEABLE PARTS	120V	220-240V	120V	220-240V		120V	220-240V	120v	220-240V
COMPRESSOR		2187162	2206178	2187153					
RUN WINDINGS	*	*	*	*				1-5	5-15
START WINDINGS	*	*	*	*				3-11	10-30
PTC RELAY		2154756	2183454	2154755					
OVERLOAD		2176790	2187145	2187290					
RUN CAPACITOR (OPT)	2169137	2154718	2169137	2154718					
THERMOSTAT	see note 7	see note 7	see note 7	see note 7					
BAFLE MODULE (OPT)	2161467	2175156	2161467	2175156					
DEFROST TIMER ** (OPT)	see note 7	see note 7	see note 7	see note 7					
ADAPTIVE DEFROST **(OPT)	2188159	N/A	2188159	N/A					
DEFROST HEATER	2188174	2188176	2188175	2188177		550-650	450-690	27-21	70-100
DEFROST BI-METAL	2196155	2196155	2196155	2196155					
EVAPORATOR FAN	see note 7	see note 7	see note 7	see note 7		5-10	6-12		
CONDENSER FAN	see note 7	see note 7	see note 7	see note 7		3-13	10-20		

** PRIMARY SOURCE PART NUMBER

STEPS TO ENTER ELECTRONIC DEFROST CONTROL TEST MODE (IF APPLICABLE)

OPTION #1 (BI-METAL CLOSED)
STEPS
#1 - POWER OFF TO REFRIGERATOR FOR AT LEAST 30 SECONDS
#2 - THERMOSTAT OFF
#3 - POWER ON TO REFRIGERATOR

OPTION #2 (BI-METAL CLOSED)
STEPS
#1 - THERMOSTAT OFF 15 SECONDS
#2 - THERMOSTAT ON 5 SECONDS
(REPEAT STEPS 1 & 2 TWO MORE TIMES)
#3 - THERMOSTAT OFF

ENTER TEST MODE

IN 3 - 8 SECONDS, CONTROL WILL TURN ON DEFROST HEATER. DEFROST HEATER WILL TURN ON FOR 21 MINUTES OR UNTIL BI-METAL OPENS. TO TERMINATE TEST EARLY, REMOVE POWER FROM REFRIGERATOR.
NOTE: IF OPTION #2 DOES NOT WORK, TRY OPTION #1 BEFORE REPLACING CONTROL. ALWAYS CHECK CONNECTIONS BEFORE REPLACING CONTROL.
HELPFUL HINT: UPON ENTERING TEST MODE, A RELAY TURNS OFF THE COMPRESSOR AND TURNS ON THE DEFROST TIMER. LISTEN FOR THE RELAY TO CLICK. IF RELAY CLICKS ONCE UPON ENTERING TEST MODE, CHECK FOR DEFROST HEAT. IF RELAY CLICKS TWICE, CHECK FOR BI-METAL OPEN.

⚠ WARNING IF BI-METAL IS BY-PASSED FOR TESTING (IF APPLICABLE), DO NOT OVERHEAT EVAPORATOR AREA.

BAFFLE MODULE DIAGNOSTIC TEST (IF APPLICABLE)

The diagnostic steps given below are for evaluating the Baffle Module. Steps 4 and 5 include the settings and results. If the results listed do not occur after putting the controls in the given settings, then further in-depth diagnosis of the product is required. Possible areas to evaluate include wiring connections to all electrical components, freezer thermostat, defrost timer, baffle module, evaporator fan, condenser fan, and compressor.

STEP
1. VERIFY THAT THE PRODUCT IS NOT IN DEFROST.
2. OPEN THE REFRIGERATOR AND FREEZER DOORS SO THAT THE PRODUCT WARMS UP ENOUGH TO TRIP THE THERMOSTATS.
3. NOTE THE THERMOSTAT SETTINGS AND REMOVE THE CONTROL BOX FRONT COVER.
4. SET BOTH CONTROLS IN THE FOLLOWING MANNER, THEN CHECK FOR THE GIVEN RESULTS:

CONTROL	SETTING
FREEZER THERMOSTAT	COLDER (FAR RIGHT)
REFRIGERATOR THERMOSTAT	OFF (FAR LEFT)

→

COMPONENT	RESULTS
BAFFLE DOOR	10 SECONDS - CLOSED
COMPRESSOR	ON
CONDENSER FAN	ON
EVAPORATOR FAN	ON

5. SET BOTH CONTROLS IN THE FOLLOWING MANNER, THEN CHECK FOR THE GIVEN RESULTS:

CONTROL	SETTING
FREEZER THERMOSTAT	COLDER (FAR RIGHT)
REFRIGERATOR THERMOSTAT	COLDER (FAR RIGHT)

→

COMPONENT	RESULTS
BAFFLE DOOR	10 SECONDS - OPEN
COMPRESSOR	ON
CONDENSER FAN	ON
EVAPORATOR FAN	ON

6. TEST COMPLETE - BAFFLE MODULE GOOD. SET CONTROLS AT MID SETTINGS AND REPLACE CONTROL BOX FRONT COVER.

SERVICE & WIRING SHEET NO. 2206080HJ | **SERVICE & WIRING SHEET NO.** 2206080HJ

Refrigerant charge : 114 g (4 oz) R134-a

PARTS NOT ILLUSTRATED AND OPTIONAL PARTS NOT INCLUDED

Parts Not Illustrated

Part No	Item
978025	Valve, Access (1/4")
978026	Valve, Access (5/16")
978027	Valve, Access (3/8")
978028	Valve, Access (1/2")
978029	Valve, Access (5/8")
978030	Valve, Access (3/4")
876764	Valve, Access (3/16")
482278	Start Kit
2149072	Ice Crusher Assembly

Miscellaneous

Part No	Item
978941	Insulation, Fibreglass (1613 x 927 x 67mm)
212643	Sealer, Gum (1220 mm)
479502	Tape, Vinyl (18mm x 2743mm)
876305	Kit, Insulation (14 Pieces 76 x 610 x 1220mm)
876370	Kit, Insulation (2 Pieces 76 x 610 x 1220mm
876029	Kit, Foam Slab (762mm x 826mm x 38mm)
505587	Sealer, Mastic (1 Quart)
511873	Touch-up, White Porcelain (2 Oz)
542638	Grease, Silicon (1/2 Oz)
542639	Cement, Alumilastic (1-1/4 Oz)
606755	Bag, Insulation (36-5/8" x 46")
799833	Kit, Evaporator Repair (Aluminium Epoxy)
503695	Cork Sealer, 1/4 Pound
833938	Kit, Terminal Connector
2182102	Ice Container Assembly
2149072	Ice Crusher Mechanism Assembly

Customer Touch-Up and Refinishing Materials

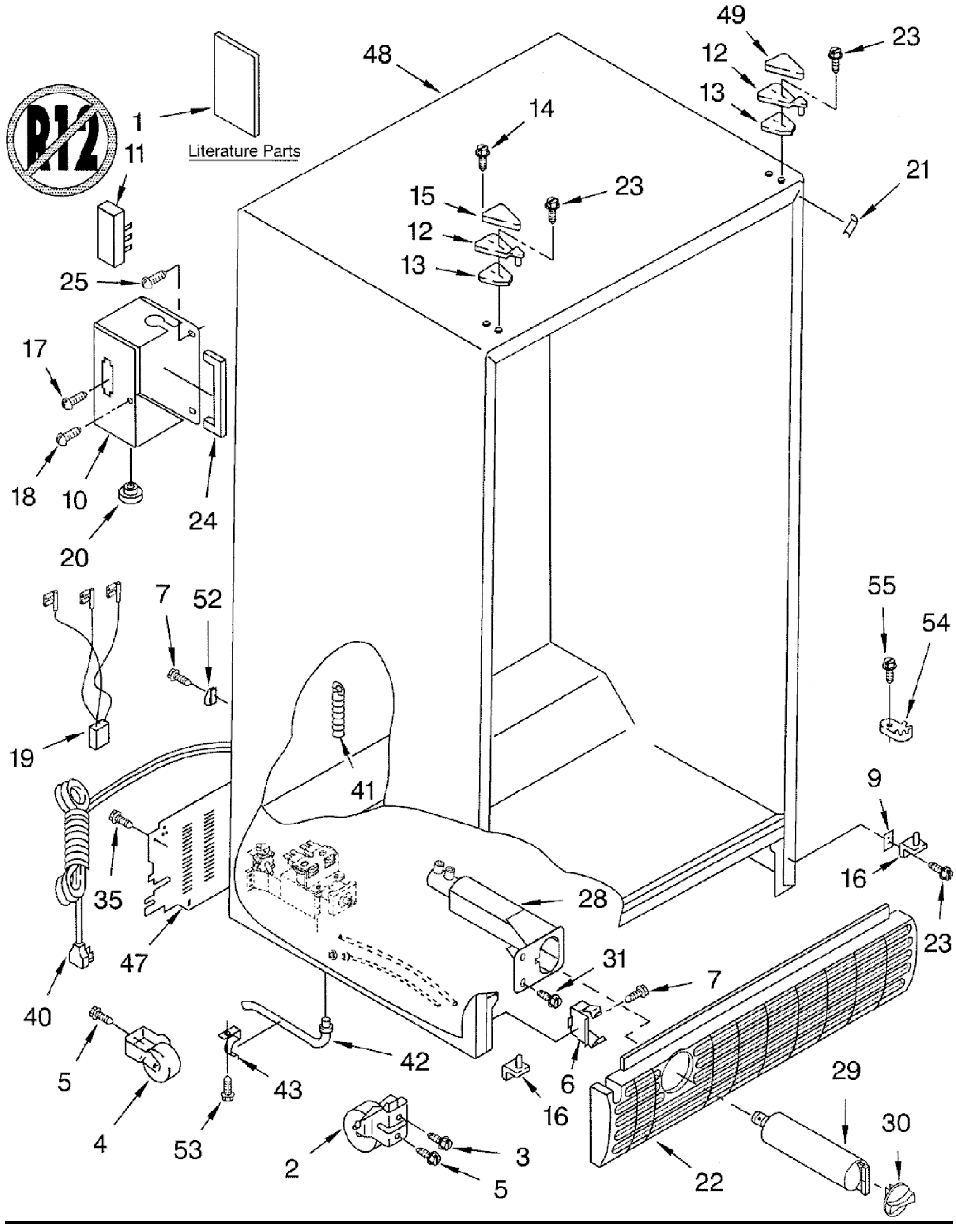
Part No	Item
Touch-Up Material	
350942	*Primer, White (13 Oz. Spray Can)
350930	*Enamel, White (13 Oz. Spray Can)
72017	Brush Touch-Up Kit (White)
Refinishing Material	
799344	Enamel, White (1 Qt. Uncut)
833938	Kit, Terminal Connector

***Caution:**
The spray paint must not come into contact with the door gaskets

Torx Screw Wrench

1117510 Torx Key

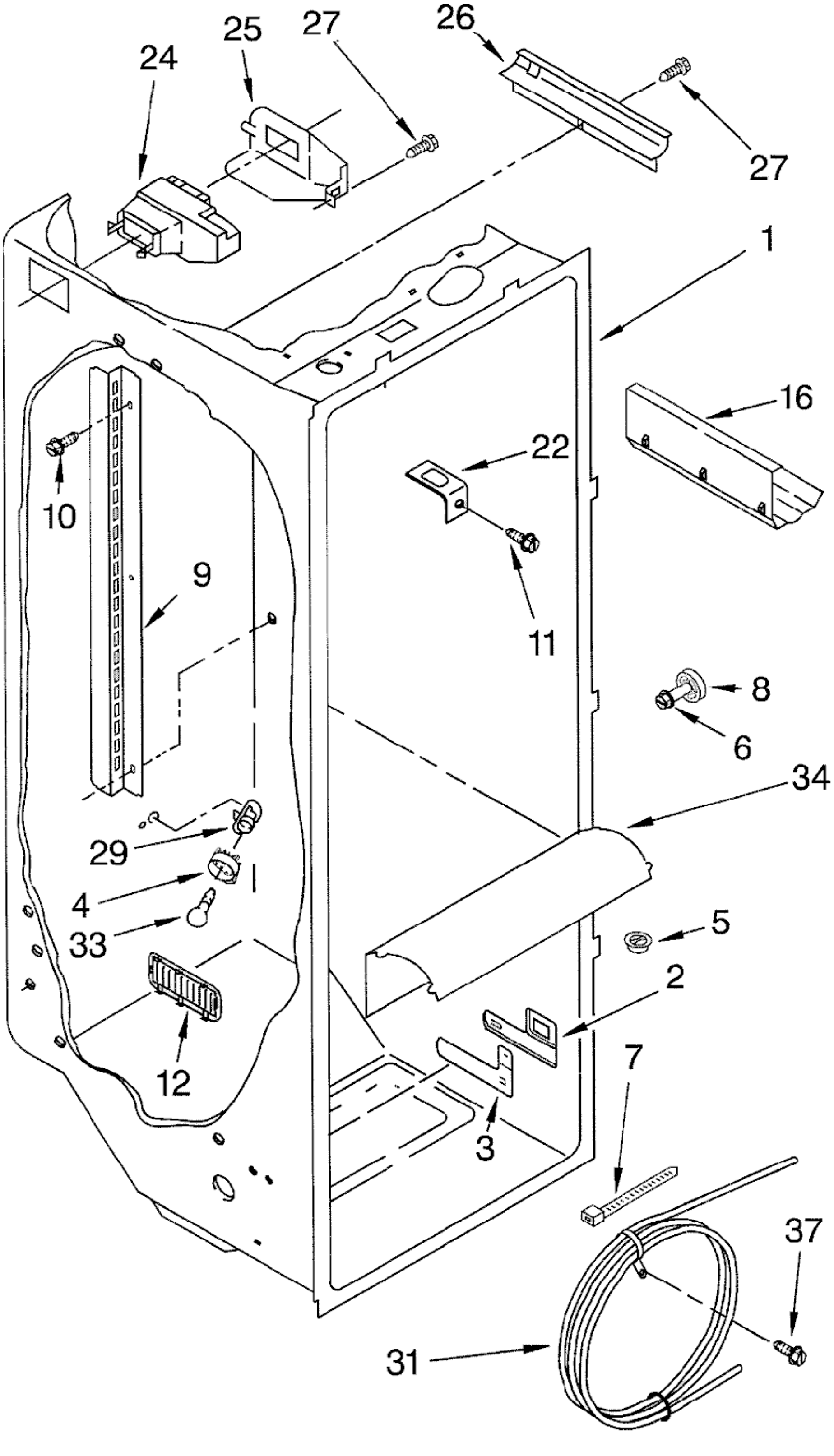
CABINET PARTS



CABINET PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	LIT2187141	LIT2211657	LIT2211657	Use & care guide
1	LIT628371	LIT628371	LIT628371	Modular icemaker service sheet
1	LIT2206080	LIT2206080	LIT2214768	Service & wiring sheet
2	2174748	2174748	2174748	Front roller (2)
3	3400517	3400517	3400517	Screw
4	2196236	2196236	2196236	Roller (rear) (2)
5	489427	489427	489427	Screw
6	2155013	2155013	2155013	Clip, grille
7	489478	489478	489478	Screw
9	2156056	2156056	2156056	Shim
10	2188194	2188194	-	Enclosure, terminal block
11	1129346	1129346	-	Terminal block
12	2196046	2196046	2196046	Hinge top (2)
13	2196048	2196048	2196048	Shim, hinge top
14	489284	489284	489284	Screw
15	2151694	2151694	2151694	Hinge cover
16	2171851	2171851	2217075	Hinge bottom (2)
17	489211	489211	-	Screw
18	489399	489399	-	Screw
19	2209657	2209657	-	Wiring assembly, terminal block
20	1129449	1129449	-	Bushing
21	2196097	2196097	2196097	Filler, wrapper
22	2198468B	2198468B	2198468B	Grille
23	489497	489497	489497	Screw
24	2167227	2167227	-	Gasket
25	489463	489463	-	Screw
28	2186443	2186443	2186443	Housing, water filter
29	4392857	2203220	2203220	Water filter
30	2186494B	2186494B	2186494B	Cap, water filter
31	489500	489500	489500	Screw
35	489464	489464	489464	Screw
40	1129331	1129331	2205330	Service cord
41	940139	940139	940139	Drain fitting
42	1108438	1108438	1108438	Extension tube
43	1108439	1108439	1108439	Clip, drain tube
47	2204421	2204421	2214571	Cover, unit
48	-	-	-	Cabinet (not a serviceable part)
49	2155938	2155938	2155938	Hinge cover
52	489348	489348	489348	Clamp
53	489084	489084	489084	Screw
54	2155311	2155311	2155311	Door closer, lower cam (2)
55	489483	489483	489483	Screw

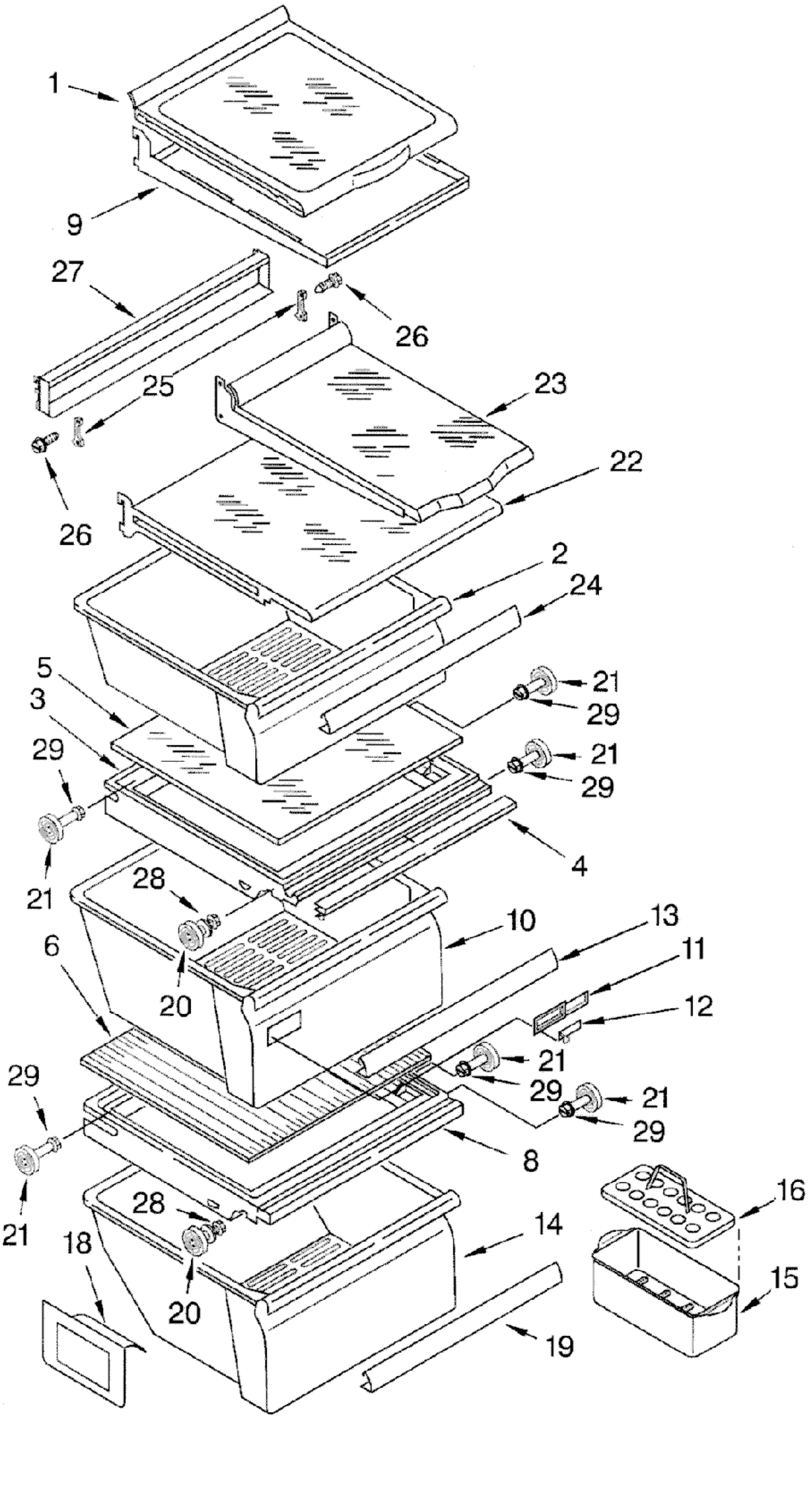
REFRIGERATOR LINER PARTS



REFRIGERATOR LINER PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	-	-	-	Liner (not a serviceable part)
2	2194744	2194744	2194744	Escutcheon, meat pan control
3	2182757	2182757	2182757	Slide, meat pan control
4	2169193	2169193	2169193	Shroud, light
5	2171846	2171846	-	Release valve
6	8281158	8281158	8281158	Screw
7	2205813	2205813	2205813	Strap
8	2196483	2196483	2196483	Stud assembly
9	2181796	2206273	2206273	Ladder, shelf
10	487539	487539	487539	Screw
11	489290	489290	489290	Screw (2)
12	2182147	2182147	2182147	Louvre
16	2179404	2179404	2179404	Rack, wine & egg
22	1123919	1123919	1123919	Bracket retainer
24	2175155	2209752	2209752	Air diffuser assembly
25	2161470	2161470	2212240	Air diffuser cover
26	2150331	2150331	2150331	Cover, conduit
27	486298	486298	486298	Screw
29	2162085	2162085	2162085	Socket
31	2209687	2209687	2209687	Reservoir
33	851682	851682	851682	Light bulb
34	2203266	2206269	2206269	Light lens
37	488280	488280	488280	Screw (2)

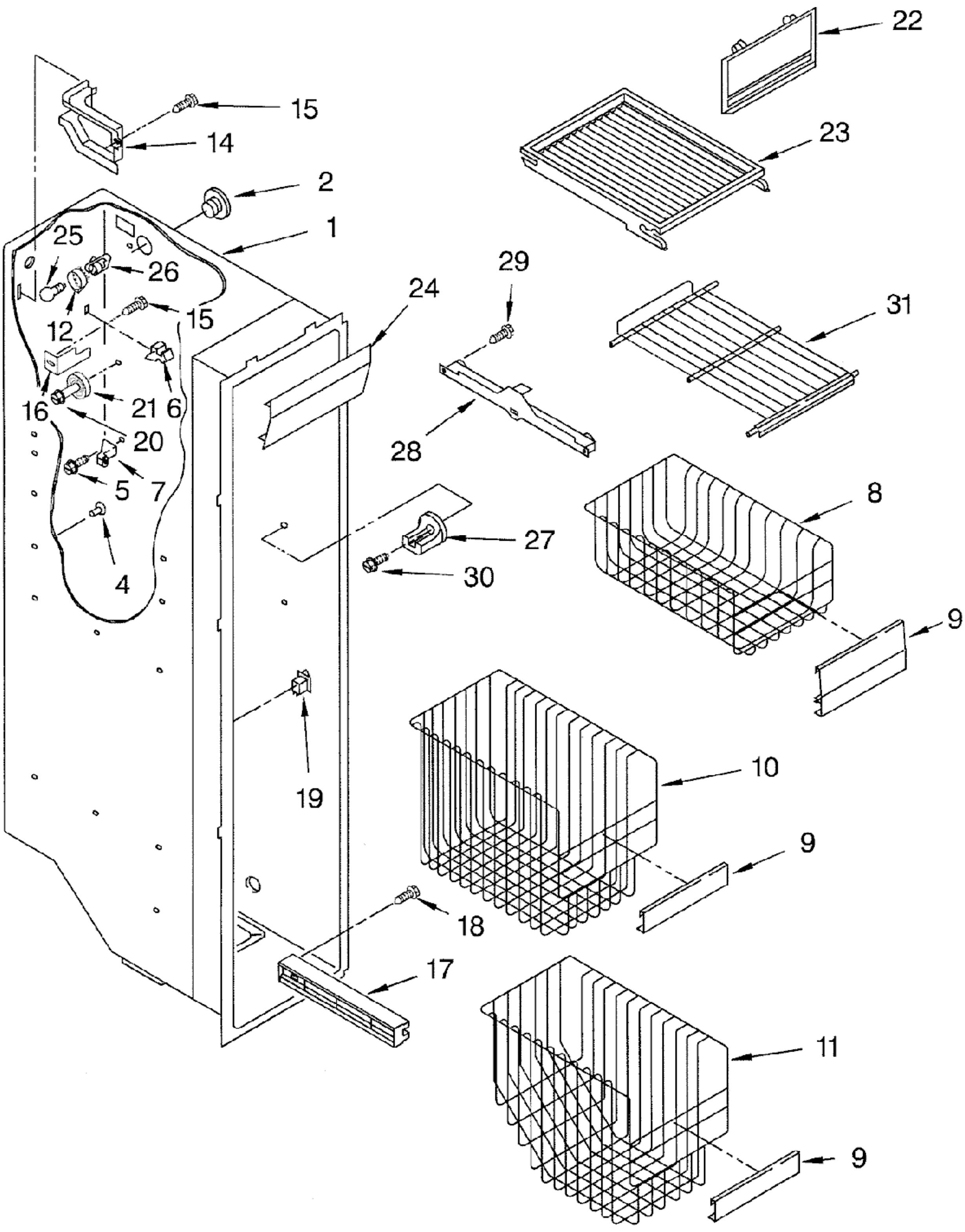
REFRIGERATOR SHELF PARTS



REFRIGERATOR SHELF PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	2194736	2194736	2194736	Shelf assembly, glass sliding (2)
2	2196233	2196233	2196233	Snack bin
3	2194578	2194578	2209698	Cover, crisper
4	2174442	2174442	2174442	Gasket, cover (front)
5	2174150	2174150	2174150	Glass, cover
6	2179259	2179259	2179259	Glass, meat cover
8	2189601	2189601	2217039	Cover, meat pan
9	2195975	2195975	2195975	Frame, shelf (2)
10	2196160	2196232	2196232	Crisper pan
11	2179343	2179343	2179343	Front, crisper pan
12	2179342	2179342	2179342	Slide, humidity control
13	2194913	2194913	2194913	Trim, handle
14	2196162	2196231	2196231	Meat pan
15	2169933	2169933	2216625	Egg bin
16	2164373	2164373	2164373	Egg carrier
18	2179350	2179350	2179350	Deflector
19	2194906	2194906	2194906	Trim, handle
20	2196485	2196485	2196485	Stud assembly
21	2196483	2196483	2196483	Stud assembly
22	2209601	2206347	2206347	Shelf, snack bin
23	2194741	2194741	2194741	Shelf, slide (side to side)
24	2179243	2179243	2179243	Trim, handle
25	2169608	2169608	2169608	Hook, shelf
26	489419	489419	489419	Screw
27	2174422	2174422	2174422	Track, shelf
28	3400894	3400894	3400894	Screw
29	8281158	8281158	8281158	Screw

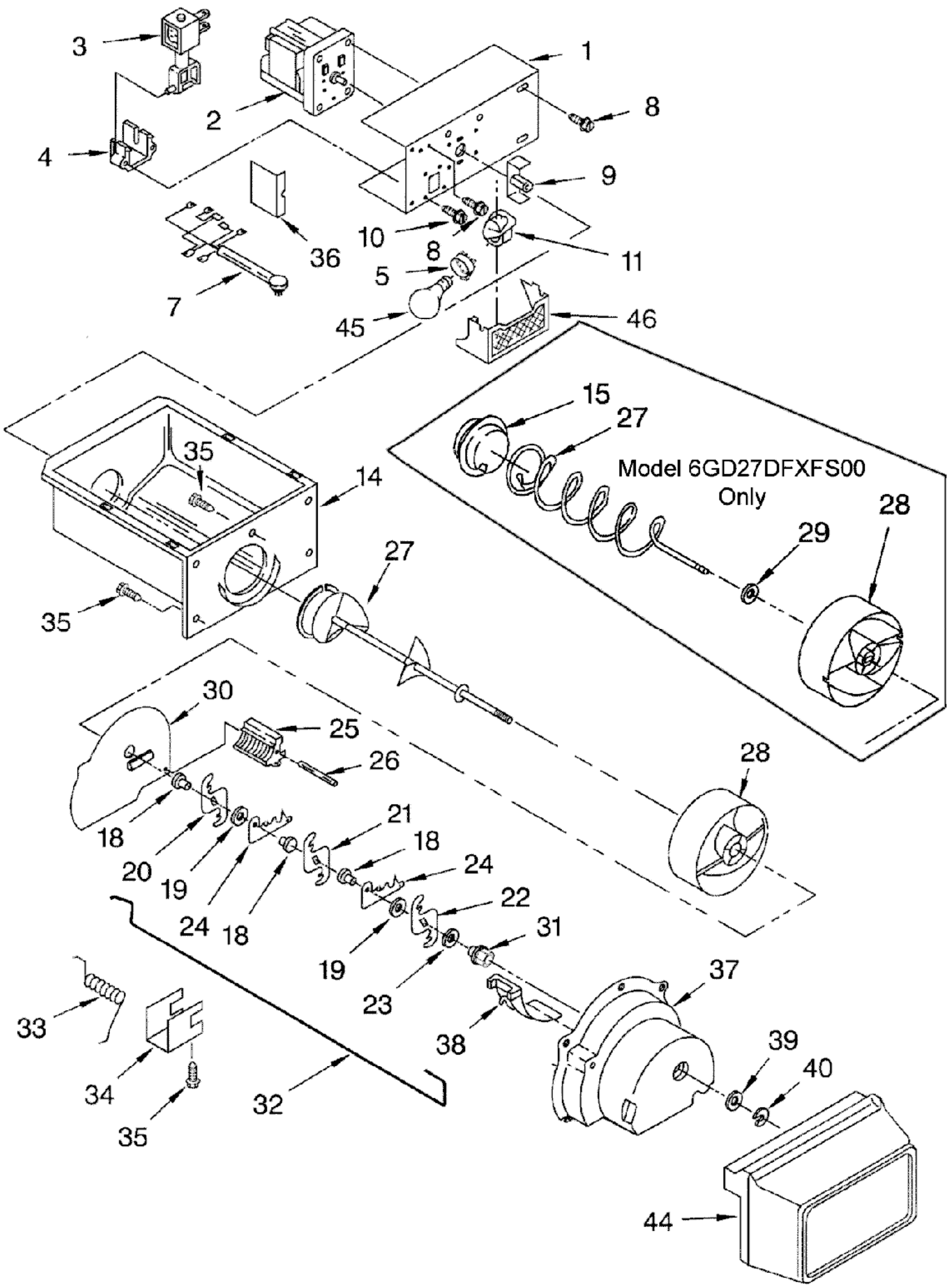
FREEZER LINER PARTS



FREEZER LINER PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	-	-	-	Liner (not a serviceable part)
2	941839	941839	941839	Hole plug
4	2176134	2176134	2176134	Grommet
5	3400893	3400893	3400893	Screw
6	842534	842534	842534	Clip, air duct (2)
7	2196206	2196206	2196206	Support, stud (4)
8	2181763	2181763	2181763	Basket, shallow
9	2195905	2195905	2195905	Trim, basket
10	2181765	2181765	2181765	Basket
11	2181764	2181764	2181764	Basket, slope
12	2175210	2175210	2175210	Shroud, light
14	2155572	2155572	2155572	Wiring cover
15	489355	489355	489355	Screw
16	2209674	2209674	2209674	Bracket, fill tube
17	2181760	2181760	2181760	Slide, basket, right side (2)
17	2181759	2181759	2181759	Slide, basket, left side (2)
18	486298	486298	486298	Screw
19	1115373	1115373	1115373	Switch, rocker arm
20	8281158	8281158	8281158	Screw
21	2196483	2196483	2196483	Stud assembly
22	2171713	2171713	2171713	Door, top compartment
23	2194297	2194297	2194297	Shelf, top compartment
24	2171705	2171705	2171705	Light lens
25	851682	851682	851682	Light bulb
26	2162085	2162085	2162085	Light socket
27	2196207	2196207	2196207	Stud, rear
28	1119237	1119237	1119237	Slide, container, left side
28	1119293	1119293	1119293	Slide, container, right side
29	489100	489100	489100	Screw
30	3400893	3400893	3400893	Screw
31	2174267	2174267	2174267	Shelf

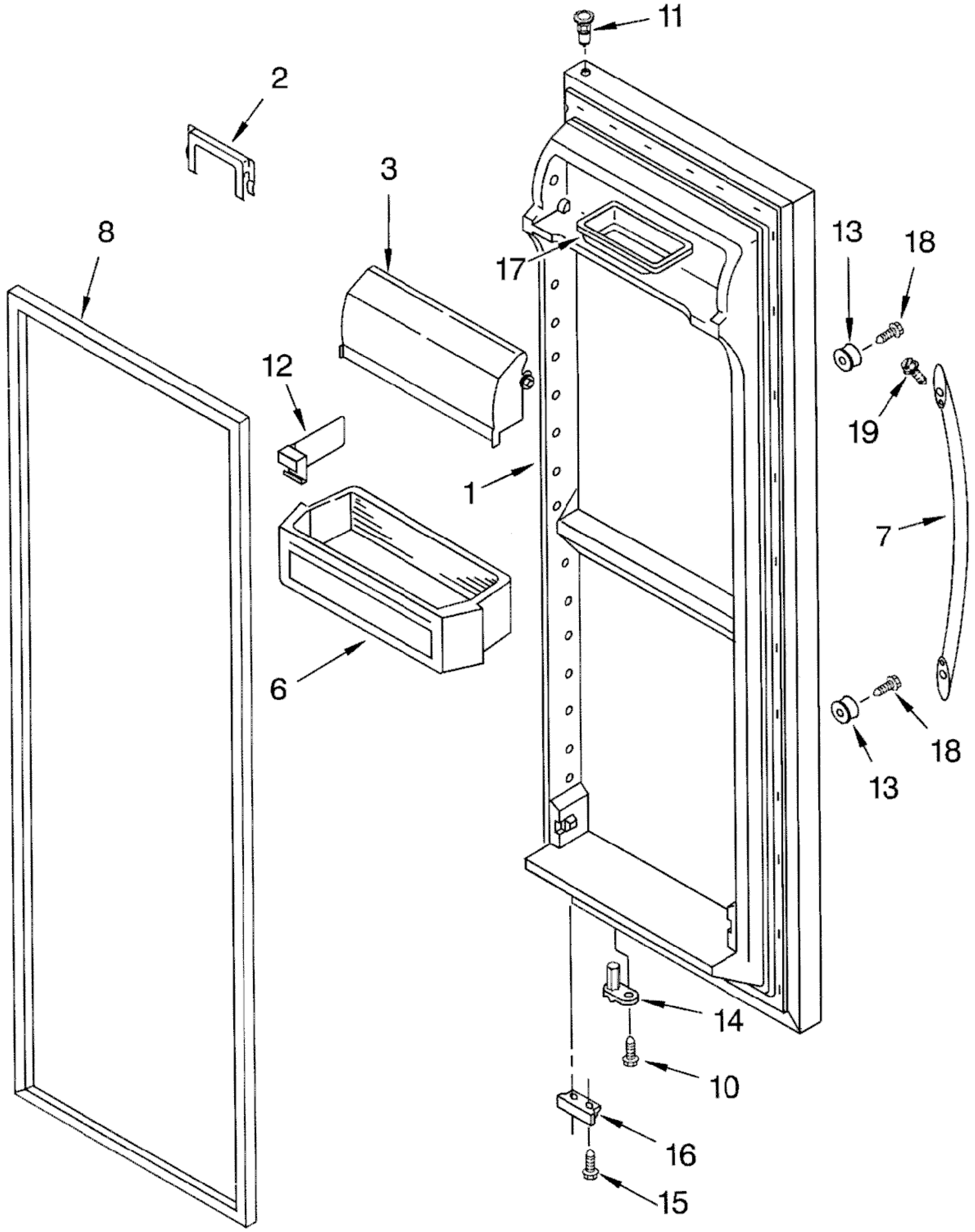
MOTOR AND ICE CONTAINER PARTS



MOTOR AND ICE CONTAINER PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	2183726	2183726	2183726	Bracket, motor
2	2188386	2188386	2188386	Motor, dispenser
3	2165210	2165210	2165210	Solenoid assembly
4	2149100	2149100	2149100	Guide, solenoid
5	2169193	2169193	2169193	Shroud, light
7	2186815	2206501	2206501	Wiring assembly, ice dispenser
8	489399	489399	489399	Screw
9	2205716	2205716	2205716	Coupling, motor
10	489478	489478	489478	Screw
11	2162085	2162085	2162085	Socket, light
14	2196091	2196091	2196091	Ice container
15	983668	-	-	Coupling, conveyor
18	1119005	1119005	1119005	Spacer, step (3)
19	1119007	1119007	1119007	Spacer, flat (2)
20	1119006	1119006	1119006	Blade, rotary
21	1119012	1119012	1119012	Blade, rotary
22	1119013	1119013	1119013	Blade, rotary
23	489235	489235	489235	Washer, plain
24	1119009	1119009	1119009	Blade, fixed (2)
25	2157405	2157405	2157405	Block, blade
26	489229	489229	489229	Roll pin
27	2181955	-	-	Conveyor
27	-	2196295	2196295	Auger
28	2196194	2209781	2209781	Drum
29	3400912	-	-	Washer
30	2171682	2171682	2171682	Floating baffle
31	1119018	1119018	1119018	Nut, bearing
32	2155231	2155231	2155231	Control arm
33	1119020	1119020	1119020	Spring, return
34	1119021	1119021	1119021	Retainer clip, rod
35	488886	488886	488886	Screw
36	1129563	1129563	1129563	Shield, wiring
37	2180348	2180348	2180348	Housing, crusher
38	1119017	1119017	1119017	Deflector, ice
39	489234	489234	489234	Washer, plain
40	489236	489236	489236	Retainer ring
41	2152021	-	-	Sleeve, auger
44	2204321	2204321	2204321	Front cover, ice container
45	851682	851682	851682	Light bulb
46	2171706	2171706	2171706	Light lens, dispenser

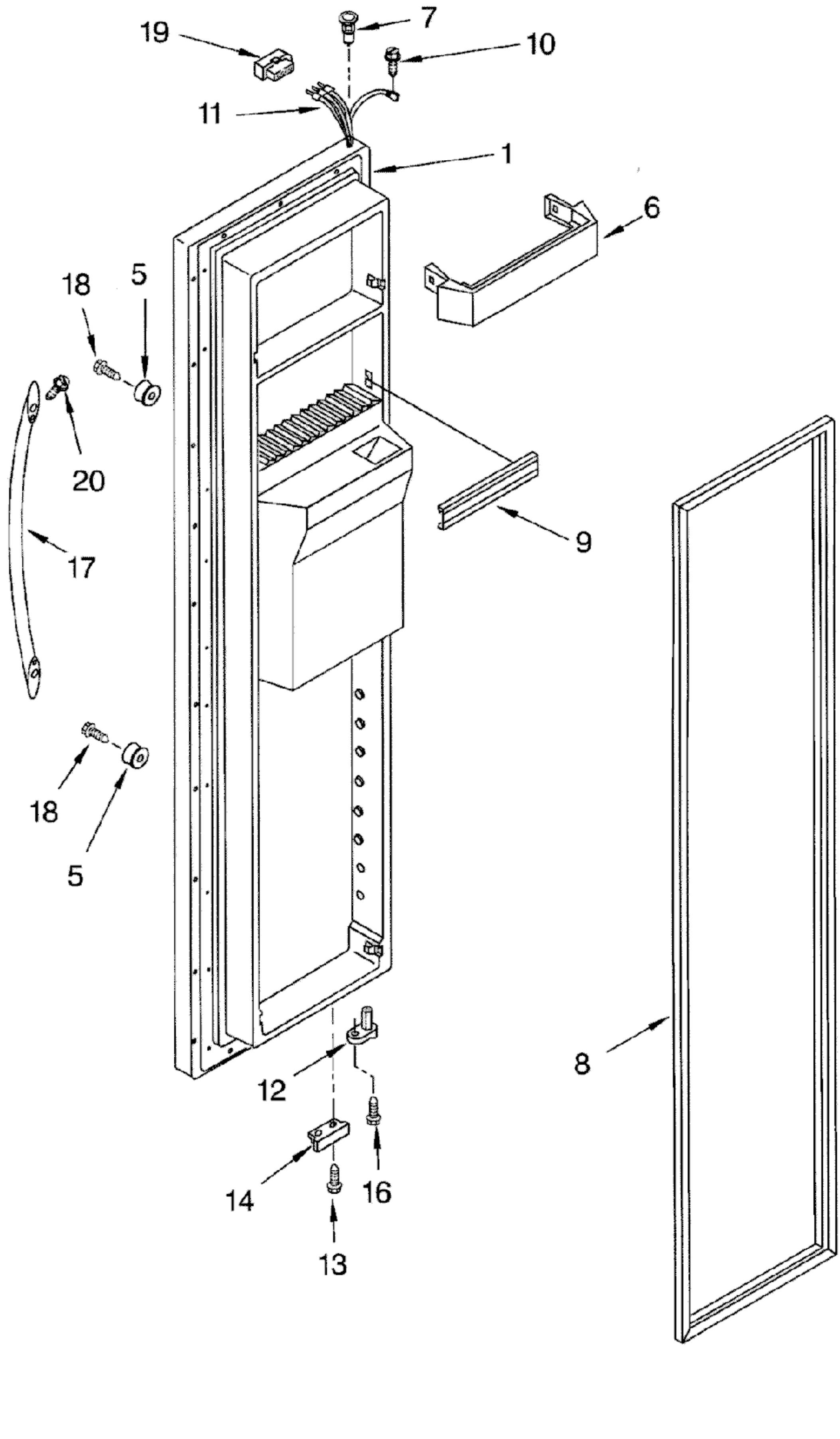
REFRIGERATOR DOOR PARTS



REFRIGERATOR DOOR PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	2203402	2203402	2203402	Refrigerator door (includes Item 8)
2	2173643	2173643	2173643	Retainer, bottle
3	2177105	2177105	2177105	Door, compartment
6	2179608	2179608	2179608	Shelf bin (4)
7	2204454	2204454	2204454S	Handle (includes item 19)
8	2159083	2159083	2159083	Door gasket, magnetic (service)
10	3400012	3400012	3400012	Screw
11	2182180	2182180	2182180	Thimble-top
12	2195496	2195496	2195496	Divider, bin
13	2203690	2203690	2203690	Stud-handle
14	2182178	2182178	2182178	Door closer, upper cam
15	489420	489420	489420	Screw
16	2155331	2155331	2155331	Bracket, door stop
17	2165792	2165792	2165792	Butter dish
18	489463	489463	489463	Screw
19	90186	98654	98654	Set screw

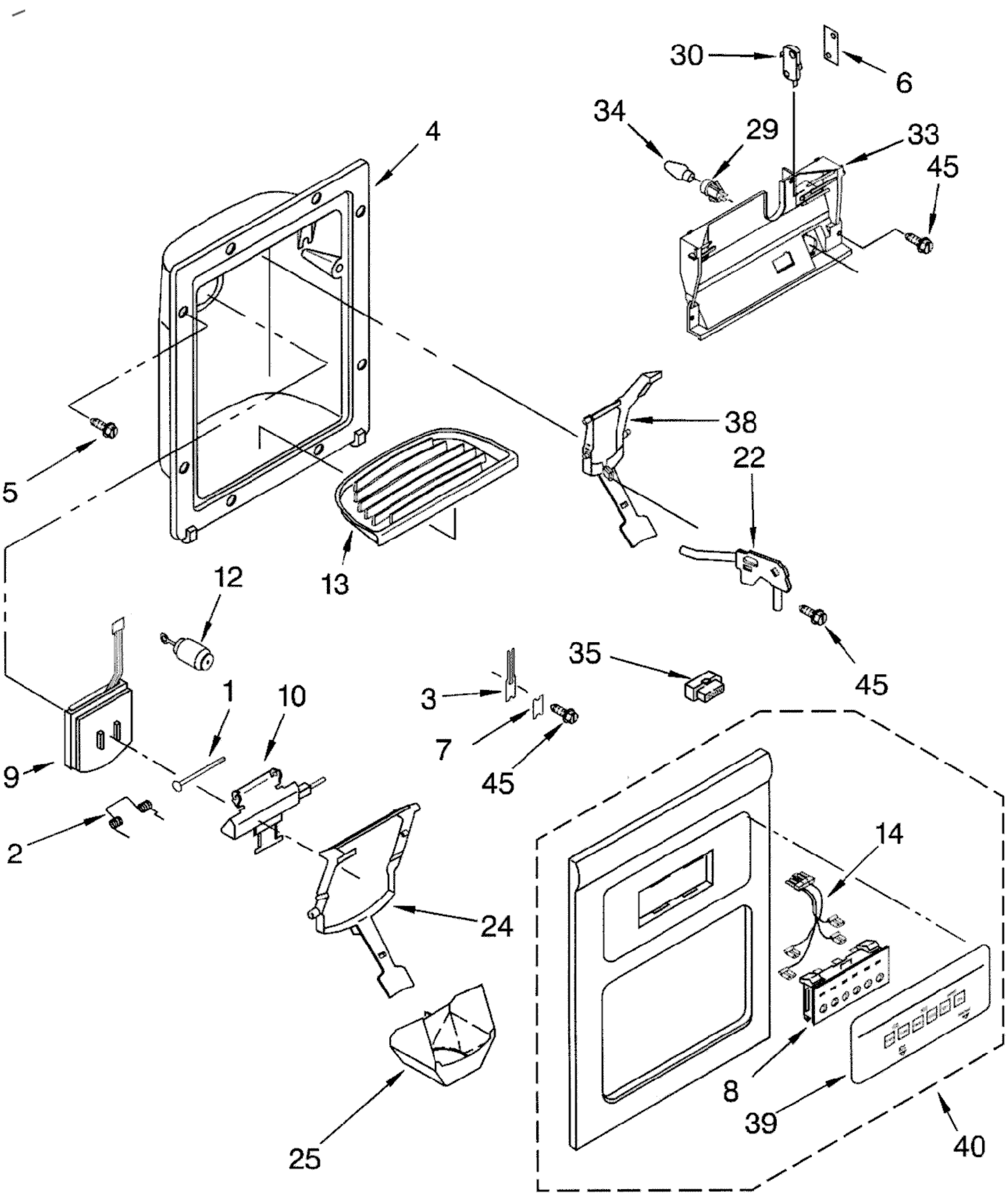
FREEZER DOOR PARTS



FREEZER DOOR PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	2205949S	2205949S	2205949S	Freezer door (incl. Item 8 and dispenser front parts)
5	2203690	2203690	2203690	Stud-handle
6	2171157	2171157	2171157	Trivet, shelf(4)
7	2182181	2182181	2182181	Thimble-top
8	2159082	2159082	2159082	Door gasket, magnetic (service)
9	2195931	2209681	2209681	Trim, door shelf
10	8281149	8281149	8281149	Screw
11	2187274	2187274	2187274	Wiring harness
12	2182179	2182179	2182179	Door closer, upper cam
13	489420	489420	489420	Screw
14	2155331	2155331	2155331	Bracket, door stop
16	3400012	3400012	3400012	Screw
17	2204454	2204454	2204454S	Handle (Includes Item 20)
18	489463	489463	489463	Screw
19	2162412	2162412	2162412	Connector
20	90186	98654	98654	Set Screw

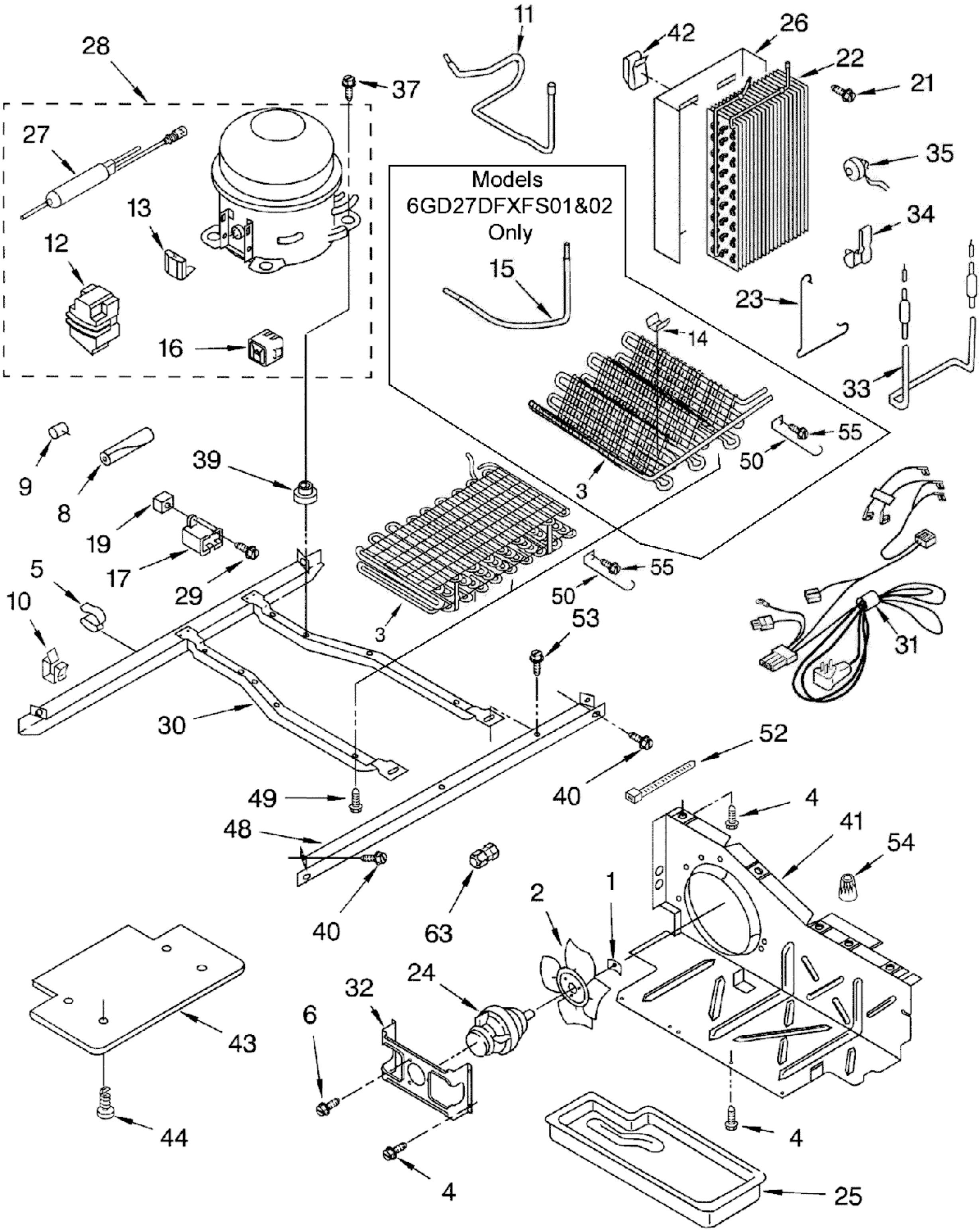
DISPENSER FRONT PARTS



DISPENSER FRONT PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	2196195	2196195	2196195	Pin
2	2180209	2180209	2180209	Spring, torsion
3	2194719	2194719	2194719	Retainer, levers
4	-	-	-	Housing Dispenser (Not a Serviceable Item)
5	489101	489101	489101	Screw
6	625834	625834	625834	Spacer, switch (2)
7	2195051	2195051	2195051	Strain relief
8	2180236	2180236	2180236	Switch assembly (also order item # 39)
9	2203886	2203886	2203886	Door, ice
10	2180208	2206423	2206423	Door mechanism assembly
12	2180223	2205686	2205686	Mechanism delay
13	2180325	2180325	2180325	Grille, overflow
14	2196199	2196199	2196199	Wire assembly
22	2180225	2209718	2209718	Water fitting assembly (includes water tube)
24	2180258	2180258	2180258	Lever assembly, ice dispenser
25	2180224	2180224	2180224	Guide, ice
29	2180200	2180200	2180200	Lamp holder
30	2162361	2162361	2162361	Switch (2)
33	2183771	2183771	2183771	Bracket, control
34	989331	989331	989331	Bulb, light
35	2169477	2169477	2169477	Connector
38	2180267	2180267	2180267	Lever assembly, water dispenser
39	2206073B	2206073B	2206073B	Overlay, front cover
40	2205989	2205989	2205989	Front cover, housing (includes item) 8, 14 & 39)
45	489000	489000	489000	Screw

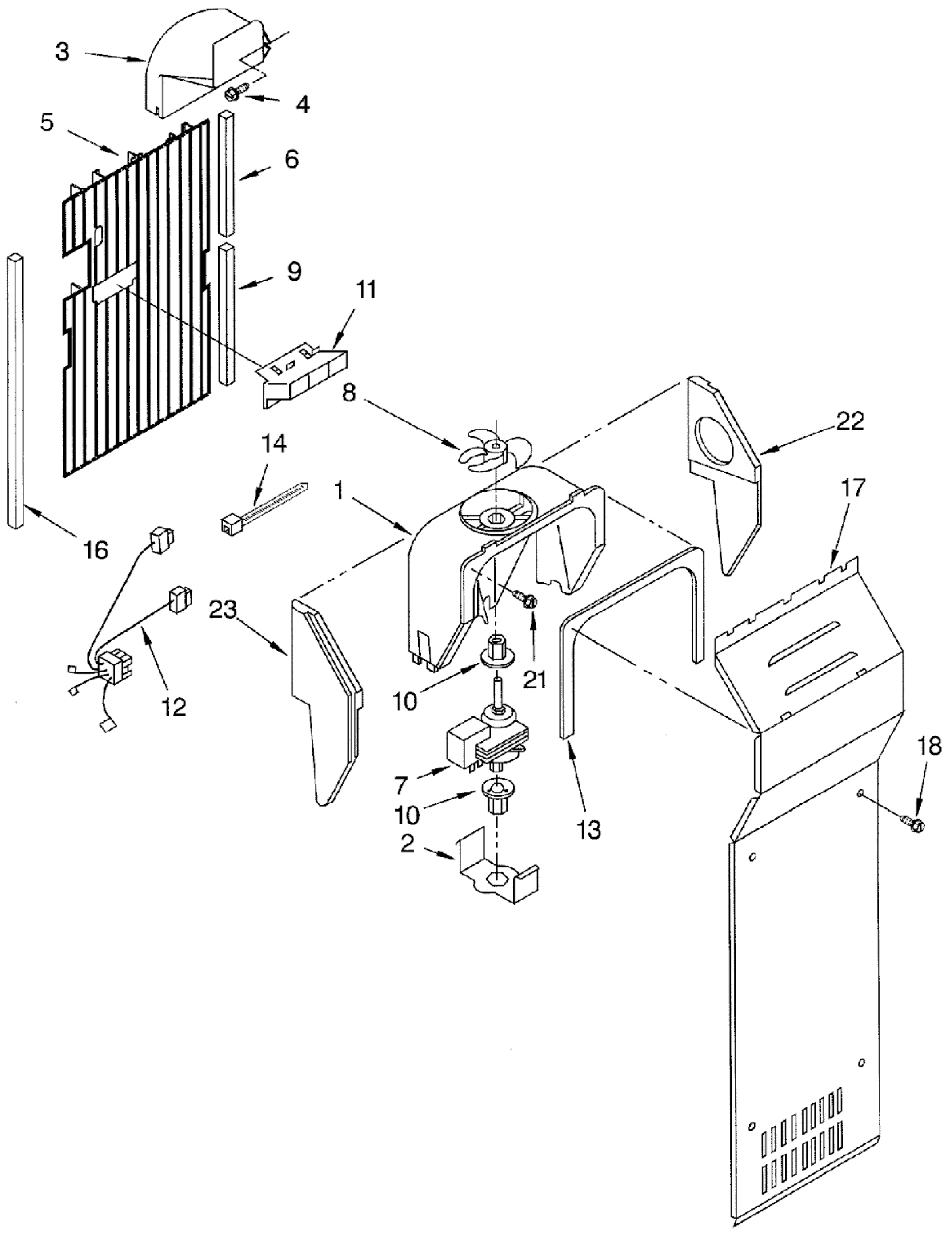
UNIT PARTS


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UNIT PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	486692	486692	486692	Speed nut
2	2190685	2190685	2190685	Fan blade
3	2204242B	2204242B	2204484	Condenser assembly
4	489464	489464	489464	Screw
5	2208280	2208280	2208280	Clip, wire
6	489099	489099	489099	Screw
8	2161302	2161302	2161302	Sleeve
9	2158826	2158826	2158826	Dampener
10	940073	940073	-	Clip
11	2204239	2204239	2204239	Tube-suction
12	2162358	4387731	4387731	Cover (service compressor only)
13	2176790	4387960	4387960	Overload (service)
14	-	-	2216914	Clip, condenser
15	-	-	2211760	Tube, condenser to heat loop
16	2204310	2188509	2188509	Start device, comb. (relay & o/l) prod comp. only
17	2201147	2201147	2201147	Capacitor (production)
17	4387874	4387874	4387874	Capacitor (service)
19	509812	509812	509812	Screw grommet
21	489478	489478	489478	Screw
22	2209611	2209611	2209611	Evaporator
23	2161324	2161324	2161324	Clamp
24	2198747	2198747	2198747	Fan, motor
25	1110674	1105523	1105523	Tray, evaporator
26	2149294	2149294	2149294	Heat shield
27	2199167	2199167	2199167	Drier
28	4387780	2187153	2187153	Compressor (incl 12,13,17,27&38) (Also order
29	488687	488687	488687	Screw
30	2157396	2157396	2157396	Unit mounting frame
31	2188352	2211335	2216447	Unit, harness
32	2181929	2181929	2181929	Fan, motor bracket
33	2188177	2188177	2188177	Heater, defrost
34	2161330	2161330	2161330	Clip
35	2196155	2196155	2196155	Bi-metal, defrost
37	489387	489473	489473	Screw
39	2183042	2183042	2183042	Grommet (4)
40	489340	489340	489340	Screw
41	2196202	2196202	2196202	Air baffle
42	2155547	2155547	2155547	Clip, heat shield
43	2200468	2200468	2200468	Unit cover, bottom
44	489396	489396	489396	Clip
48	1127906	1127906	1127906	Unit mounting rail
49	488624	488624	8281232	Screw
50	2186495	2186495	2186495	Guard, fan
52	2172840	2172840	2172840	Strap
53	489427	489427	489427	Screw
54	227991	227991	227991	Wire connector
55	488649	488649	488649	Screw
63	2196152	2196152	2209709	Union

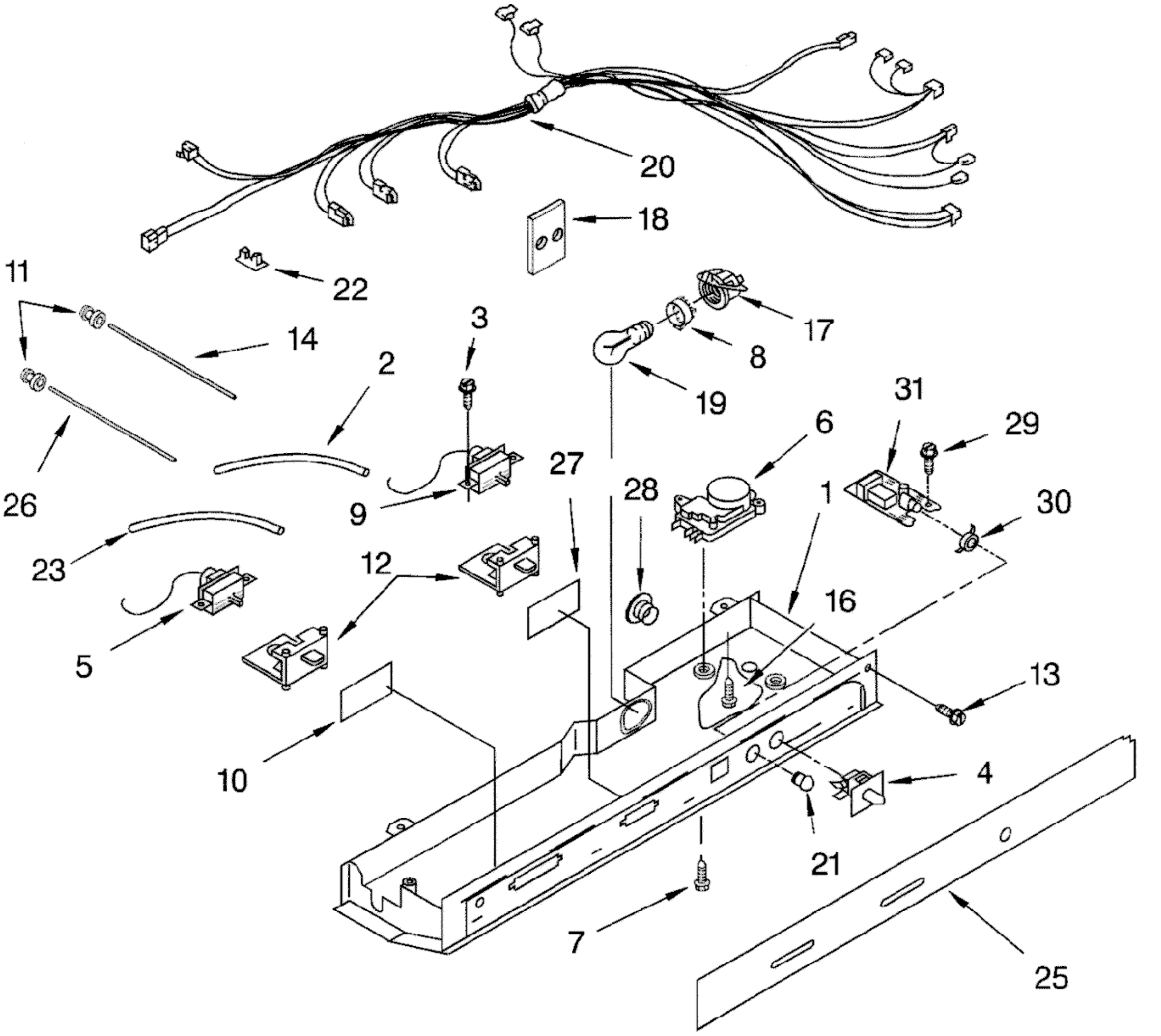
AIR FLOW PARTS



AIR FLOW PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	2182120	2182120	2182120	Fan scroll
2	2155590	2155590	2155590	Retainer, fan motor
3	2161231	2161231	2161231	Air scoop
4	489355	489355	489355	Screw
5	2203593	2203593	2203593	Air duct freezer
6	2209607	2209607	2209607	Gasket
7	2187151	2187151	2187151	Fan motor
8	2169142	2169142	2169142	Fan blade
9	2209606	2209606	2209606	Gasket
10	2176759	2176759	2176759	Fan grommet (2)
11	2182146	2182146	2182146	Duct, icemaker
12	2186799	2206505	2206505	Harness, fan evaporator, and heater, bi-metal
13	2155789	2155789	2155789	Gasket cover
14	2172840	2172840	2172840	Wire tie
16	2203876	2203876	2203876	Gasket
17	2203841	2203841	2203841	Cover, evaporator
18	489355	489355	489355	Screw
21	489478	489478	489478	Screw
22	2203595	2203595	2203595	Support, R.S
23	2203596	2203596	2203596	Support, L.S

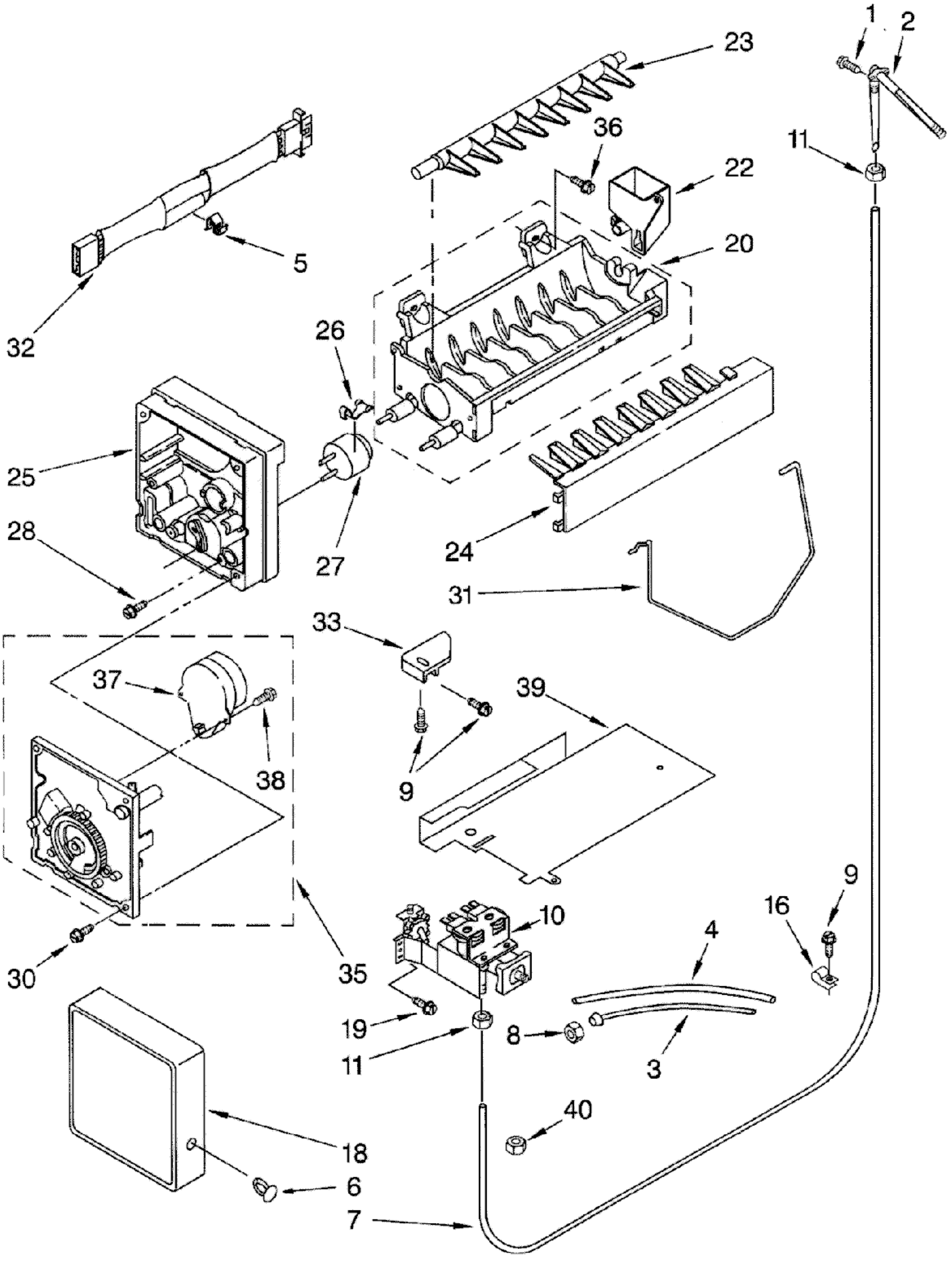
CONTROL PARTS



CONTROL PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	2200135	2200135	2200135	Control box
2	2182150	2182150	2182150	Tube barrier, thermostat
3	489214	489214	489214	Screw (3)
4	2149705	2149705	2149705	Light switch
5	2187158	2187158	2187158	Thermostat (FC)
6	2187157	2187157	2187157	Defrost timer
7	489398	489398	489398	Screw (2)
8	2175210	2175210	2175210	Shroud, light
9	2161460	2161460	2161460	Thermostat (R.C.)
10	2172940	2172940	2172940	Window
11	2172906	2172906	2172906	Grommet, light bar
12	2161466	2161466	2161466	Slide, thermostat
13	489084	489084	489084	Screw (2)
14	2179920	2179920	2179920	Light bar (RC)
16	489290	489290	489290	Crew (2)
17	2162085	2162085	2162085	Light socket
18	2172931	2172931	2172931	Heat shield
19	851682	851682	851682	Light bulb
20	2200441	2206516	2206516	Control box harness
21	2200096	2200096	2200096	Cover, light lens
22	1115375	1115375	1115375	Clip, wiring
23	2196003	2196003	2196003	Tube, barrier thermostat
25	2206075	2206075	2206075	Escutcheon, control box
26	2179921	2179921	2179921	Light bar (FC)
27	2172941	2172941	2172941	Window
28	940014	940014	940014	Hole plug
29	489214	489214	489214	Screw
30	2200097	2200097	2200097	Retainer, light lens
31	2205787	2205787	2205787	P.C. board filter indicator

ICEMAKER PARTS



ICEMAKER PARTS

Item	Part No. 6GS27DFXFS			Description
	00	01	02	
1	489084	489084	489084	Screw
2	2196157	2196157	2196157	Fitting, water tube
3	2186493	2186493	2186493	Tube, filter outlet
4	200202	2186492	2186492	Tube, filter inlet
5	628379	628379	628379	Clip, fuse
6	489115	489115	489115	Clip
7	2181940	2181940	2181940	Tube, water
8	2200083	2200083	2200083	Nut, compression
9	489478	489478	489478	Screw
10	2204400	2204400	2204400	Valve, solenoid
11	627018	627018	627018	Nut, compression
16	489385	489385	489385	Clamp
18	2174183	2174183	2174183	Cover
19	488649	488649	488649	Screw
20	628282	628282	628282	Mould & heater assembly (also order 542638
22	628356	628356	628356	Cup, water fill
23	2194711	2194711	627843	Ejector
24	2182124	2182124	2182124	Ice stripper
25	2195914	2195914	2195914	Support
26	627796	627796	627796	Retainer, thermostat
27	627985	627985	627985	Thermostat (also order 542369 cement alumilastic)
28	489322	489322	489322	Screw
30	489276	489276	489276	Screw
31	2171593	2171593	2171593	Shut off arm
32	628256	628256	628256	Harness, wiring
33	628320	628320	628320	Bracket
34	2203985	-	-	European water connection tube
35	628413	2187134	2187134	Module assembly (includes items 29,37 & 38)
36	488208	488208	488208	Screw
37	2187135	2187135	2187135	Motor
38	489136	489136	489136	Screw
39	2182414	2182414	2182414	Heat shield
40	1129179	1129179	1129179	Nut, compression